

**ELECTRONIC TRANSFORMER/INDUCTOR DEVICES AND METHODS FOR
MAKING SAME**

Abstract of the Disclosure

The present invention relates to transformer 1 inductor devices and to the methods of construction for inductive components such as inductors, chokes, and transformers. Plural via holes are formed through a ferromagnetic substrate. Primary and secondary conductors are placed through common vias to form a plurality of cell transformers have a 1:1 turns ratio. Circuits connect these primary and secondary winding in parallel and serial combination to provide a transformer having the desired turns ratio.

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